

R/V Sikuliaq Sea State POD: 23 Oct 2015 (day)

Overview: buoys and flux stations at southern ice edge, NRL flight

Ice forecast: new ice at edge

Wave forecast: 2 m from ESE

Met forecast: 10 m/s ESE

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	southward transit (no speed limit)	ice obs UCTD (opportunistic) radiosonde balloon (03:30)	Lund Talbert Guest
04:00-08:00	arriving at 72°47'N, 158°43'W (05:00)	ice obs UCTD (opportunistic)	Rogers Smith
08:00-12:00	Deploying buoys along line from 72°47'N, 158°43'W 72°31'N, 159°16'W	ice obs UCTD (hourly) radiosonde balloon (09:30) buoy deployments	Kohout deKlerk Guest wave teams
12:00-16:00	flux station (head to wind) near AWAC mooring 72°38'N, 159° 00' W	ice obs UCTD (hourly) radiosonde balloon (15:30) stereo cams SAFETY DRILL (13:00)	Shen Stammerjohn Guest Smith ALL
16:00-20:00	"	ice obs UCTD (hourly) stereo cams PLANNING MTG (20:00)	Holt Talbert Smith ALL
20:00-00:00	Tending buoys along line from 72°47'N, 158°43'W 72°31'N, 159°16'W	ice obs UCTD (hourly) radiosonde balloon (21:30) buoy tending call w/ NRL aerial (21:00)	Clancy Smith Guest wave teams Thomson

Notes:

1. Request NRL aircraft conducts LIDAR survey lines centered along line from 72°47'N, 158°43'W to 72°31'N, 159°16'W, with a single longer line extending the southwest corner to 72°11'N, 160°02'W. Supplemental SAR passes also welcome.
2. TerraSAR-X acquisition is planned as: SM VV 2015-10-24T03:26:52 72.2185 -158.2929 71.3629 73.1617 73.0705 71.2788 -156.8838 -158.8684 -159.7386 -157.6807
3. Might consider recovering the AWAC one day early (today), if ice is advancing rapidly.

R/V Sikuliaq Sea State POD: 24 Oct 2015 (day+1)

Overview: AWAC mooring recovery, buoy recoveries

Ice forecast: new ice at edge

Wave forecast: 2 m from ESE

Met forecast: 10 m/s ESE

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	flux station (head to wind) at AWAC mooring 72°38'N, 159° 00' W	ice obs UCTD (hourly) radiosonde balloon (03:30)	Rogers deKlerk Guest
04:00-08:00	"	ice obs UCTD (hourly)	Kohout Stammerjohn
08:00-12:00	"	ice obs UCTD (hourly) radiosonde balloon (09:30)	Holt Talbert Guest
12:00-16:00	recover AWAC mooring 72°38.220'N, 159° 00.674' W	ice obs UCTD (hourly) radiosonde balloon (15:30) stereo cams mooring recovery	Shen Smith Guest Smith Thomson et al
16:00-20:00	Recover/tending buoys with flux stations	ice obs UCTD (hourly) stereo cams buoy recoveries/tending PLANNING MTG (20:00)	Clancy deKlerk Smith wave teams ALL
20:00-00:00	"	ice obs UCTD (hourly) radiosonde balloon (21:30) buoy recoveries/tending call w/ NRL aerial (21:00)	Lund Stammerjohn Guest wave teams Thomson

Notes:

1. Wx contingency for NRL aircraft: same LIDAR survey centered along line from 72°47'N, 158°43'W to 72°31'N, 159°16'W. Supplemental SAR passes also welcome. If the 24 Oct flight goes as planned, request that the aircraft spend 25 Oct in a combination of resurveying the lines from that day and then a SAR survey along 159°W from 72°00'N to 70°00'N
2. Mooring and buoy recovery might be shifted one day later if conditions remain favorable for waves and ice edge measurements.

R/V Sikuliaq Sea State POD: 25 Oct 2015 (day+2)

Overview: continue buoy recoveries

Ice forecast: new ice at edge

Wave forecast: becoming calm

Met forecast: becoming calm

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	Recover/tending buoys with flux stations	ice obs UCTD (hourly) radiosonde balloon (03:30) buoy recoveries/tending	Kohout Talbert Guest wave teams
04:00-08:00	"	ice obs UCTD (hourly) buoy recoveries/tending	Holt Stammerjohn
08:00-12:00	"	ice obs UCTD (hourly) radiosonde balloon (09:30) buoy recoveries/tending	Clancy deKlerk Guest
12:00-16:00	"	ice obs UCTD (hourly) radiosonde balloon (15:30) stereo cams buoy recoveries/tending	Shen Stammerjohn Guest Smith
16:00-20:00	"	ice obs UCTD (hourly) stereo cams buoy recoveries/tending PLANNING MTG (20:00)	Lund Talbert Smith ALL
20:00-00:00	transit to ice station or other ice edge	ice obs UCTD (hourly) radiosonde balloon (21:30) call w/ NRL aerial (21:00)	Rogers Smith Guest Thomson

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